AMENDMENTS TO THE SPECIFICATION

Please insert the enclosed sequence listing to comply with requirements for patent applications containing nucleotide and/or amino acid sequence. A paper copy of the sequence listing and a computer disc containing the sequence listing in computer readable form as required by 37 C.F.R. § 1.824 is enclosed.

Please enter the attached paper copy of the sequence listing into the Specification following page 26 and renumber the remaining pages consecutively.

In further compliance with sequence listing rules, please replace the paragraph on page 14 , lines 10 through 22 with the following paragraph:

PCR amplification was carried out using a full-length human EpoR cDNA, LAP37, as a template. The 5'-sense primer (SEQ ID No. 1) was 5'-TTGGATCCGCGCCCCCGCCTAAC-3'. This primer has a BamH1 linker sequence at the 5' end, followed by the coding sequence for amino acids 25 through 29 of the full length human EpoR protein. The 3'-antisense primer (SEQ ID No. 2) was 5'-TGAATTCGGGGTCCAGGTCGCT-3'. This primer has an EcoR1 linker followed by sequence complementary to the coding sedquence for amino acids ~~226~~250 through ~~222~~246 of full length EpoR. Using a Perkin Elmer-Cetus PCR kit, PCR was carried out with 0.1 µg of LAP37 cDNA, 20 pM of each primer, 1.25 mM dNTP mixture (dGTA, dCTP, dTTP and dATP), 0.5µl of Taq polymerase, and 10x buffer supplied in the PCR kit. Amplification was carried out by a PTC-100 Programmable Thermal Controller, (M.J. Research, Inc. Watertown, MA), with denaturation at 94°C for 1 min, annealing at 55°C for 1 min and extension at 72°C for 1½ min, repeated for 25 cycles.

Please replace the paragraph on page 19 at lines 10-15 with the following:

EpoRex-th contains a thrombin-specific proteolytic cleavage site, as diagramed in the lower half of Figure 1. Thrombin cleaves specifically at the sequence (SEQ ID No. 3) -CTG GTT CCG CGT GGA TCC-, which codes for the amino acids Leu Val Pro Arg Gly Ser, as shown in Figure 1. Smith and Hohnson, Gene 67:31-40 (1988). Thrombin was incubated with EpoRex-th to

cleave the GST segment from the Epo-bp segment and the two segments were purified by Epo-agarose affinity, as described below.